

Recombinant Canine CXCL8 Protein, His-tagged

Cat. No. CXCL8-03C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant canine IL-8/CXCL8 (28-101aa), fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Species	Canine
Source	HEK293
ProteinLength	28-101 a.a.
Description	IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus.
Form	Liquid
Molecular Mass	9.4 kDa (80aa)
AA Sequence	VSSELRCQCIKTHSTPFHPKYIKELRVIDSGPHCENSEIIVKLFNGNEVCLDPKEKWV QKVVQIFLKKAQDP
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE

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Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by BCA assay)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol

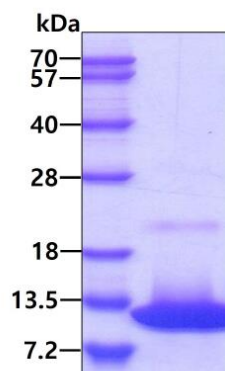
GENE INFORMATION

Gene Name	CXCL8 C-X-C motif chemokine ligand 8 [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	CXCL8
Synonyms	CXCL8; C-X-C motif chemokine ligand 8; IL8; interleukin-8; C-X-C motif chemokine 8; IL-8; chemokine (C-X-C motif) ligand 8
Gene ID	403850
mRNA Refseq	NM_001003200
Protein Refseq	NP_001003200
UniProt ID	P41324

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SDS-PAGE

3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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